Nooted

#12 SB
11/17/00
1652

```
          RAW SEQUENCE LISTING            DATE: 10/31/2000
          PATENT APPLICATION:  US/09/214,453A     TIME: 20:45:17

              Input Set : A:\Leadlay Sequence Listing ('453).txt
              Output Set: N:\CRF3\10312000\I214453A.raw

     4 <110> APPLICANT: Biotica Technology Limited
     5         Leadlay, Peter Francis
     6         Staunton, James
     7         Cortes, Jesus
     9 <120> TITLE OF INVENTION: Polyketides and Their Synthesis
    11 <130> FILE REFERENCE: 0380-P01805US0
    13 <140> CURRENT APPLICATION NUMBER: 09/214,453A
C--> 14 <141> CURRENT FILING DATE: 1999-10-25
    16 <150> PRIOR APPLICATION NUMBER: PCT/GB97/01819
    17 <151> PRIOR FILING DATE: 1997-07-04
    19 <150> PRIOR APPLICATION NUMBER: GB 9614189.0
    20 <151> PRIOR FILING DATE: 1996-07-05
    22 <150> PRIOR APPLICATION NUMBER: US 60/024,188
    23 <151> PRIOR FILING DATE: 1996-08-19
    25 <150> PRIOR APPLICATION NUMBER: GB 9710962.3
    26 <151> PRIOR FILING DATE: 1997-05-28
    28 <160> NUMBER OF SEQ ID NOS: 93
    30 <170> SOFTWARE: FastSEQ for Windows Version 3.0
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    34 <211> LENGTH: 56
    35 <212> TYPE: DNA
    36 <213> ORGANISM: Artificial Sequence
    38 <220> FEATURE:
    39 <223> OTHER INFORMATION: Primer
    41 <400> SEQUENCE: 1
    42  acgcguacua guccgattaa ttaaggagga ccatcatggc ggacctgtca aagctc        56
    45 <210> SEQ ID NO: 2
    46 <211> LENGTH: 63
    47 <212> TYPE: DNA
    48 <213> ORGANISM: Artificial Sequence
    50 <220> FEATURE:
    51 <223> OTHER INFORMATION: Primer
    53 <400> SEQUENCE: 2
    54  auggagaucu cuccgctagc ggttcgccgg gcgccgcttc gttggtccgc gcgcgggttt      60
    55  ccc                                                                   63
    64 <210> SEQ ID NO: 3
    65 <211> LENGTH: 31
    66 <212> TYPE: DNA
    67 <213> ORGANISM: Artificial Sequence
    69 <220> FEATURE:
    70 <223> OTHER INFORMATION: Primer
    72 <400> SEQUENCE: 3
    73  actagtccac tgcctctcgg taaaatccag c                                     31
    76 <210> SEQ ID NO: 4
    77 <211> LENGTH: 30
    78 <212> TYPE: DNA
    79 <213> ORGANISM: Artificial Sequence
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 82 <223> OTHER INFORMATION: Primer
 84 <400> SEQUENCE: 4
 85  cttaagaggg gctccaccgc gttcacggac                        30
 88 <210> SEQ ID NO: 5
 89 <211> LENGTH: 36
 90 <212> TYPE: DNA
 91 <213> ORGANISM: Artificial Sequence
 93 <220> FEATURE:
 94 <223> OTHER INFORMATION: Primer
 96 <400> SEQUENCE: 5
 97  acattctcta cgcctaagtg ttcccctccc tgcctc                 36
100 <210> SEQ ID NO: 6
101 <211> LENGTH: 53
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Primer
108 <400> SEQUENCE: 6
109  gtgatgtatg ctcatatgtg tcctccttaa ttaatcgatg cgttcgtccg gtg    53
112 <210> SEQ ID NO: 7
113 <211> LENGTH: 36
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Primer
120 <400> SEQUENCE: 7
121  tgaacaccaa gcttgccaga gagcgacgac ttcccc                 36
127 <210> SEQ ID NO: 8
128 <211> LENGTH: 36
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Primer
135 <400> SEQUENCE: 8
136  gacagattgc atgcccttcg aggagtgccc gcccgg                 36
139 <210> SEQ ID NO: 9
140 <211> LENGTH: 36
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Primer
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152 <211> LENGTH: 19
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
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164 <211> LENGTH: 17
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Primer
171 <400> SEQUENCE: 11
172  taattcctcc tgtgtat                                          17
175 <210> SEQ ID NO: 12
176 <211> LENGTH: 24
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Primer
183 <400> SEQUENCE: 12
184  cccatatggc ggacctgtca aagc                                  24
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191 <211> LENGTH: 22
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: Primer
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199  attgcgcgcc ctggcccggg aa                                    22
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203 <211> LENGTH: 22
204 <212> TYPE: DNA
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Primer
210 <400> SEQUENCE: 14
211  aattcatagt ctagaagctt at                                    22
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215 <211> LENGTH: 20
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Primer
222 <400> SEQUENCE: 15
223  cgataagctt ctagactatg                                       20
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228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Primer
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240 <212> TYPE: DNA
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243 <220> FEATURE:
244 <223> OTHER INFORMATION: Primer
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254 <211> LENGTH: 18
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Primer
261 <400> SEQUENCE: 18
262  cacgcgcagc gcggcgga                                        18
265 <210> SEQ ID NO: 19
266 <211> LENGTH: 29
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268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
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274  cgaaccgcta gcggtcgtcg cgatggcct                            29
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280 <213> ORGANISM: Artificial Sequence
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283 <223> OTHER INFORMATION: Primer
285 <400> SEQUENCE: 20
286  gtggcccggc cgtccgcgcc actagtcttc gttttt                    36
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290 <211> LENGTH: 33
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Primer
297 <400> SEQUENCE: 21
298  aacagctagc ggttcgtccg ccgctgccgt gcc                       33
301 <210> SEQ ID NO: 22
302 <211> LENGTH: 48
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Primer
309 <400> SEQUENCE: 22
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RAW SEQUENCE LISTING   DATE: 10/31/2000
PATENT APPLICATION: US/09/214,453A   TIME: 20:45:17

Input Set : A:\Leadlay Sequence Listing ('453).txt
Output Set: N:\CRF3\10312000\I214453A.raw

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318  <212> TYPE: DNA
319  <213> ORGANISM: Artificial Sequence
321  <220> FEATURE:
322  <223> OTHER INFORMATION: Primer
324  <400> SEQUENCE: 23
325  cgcttctaga tggccagacc tcctactagt gatggtgatg gtgatg             46
328  <210> SEQ ID NO: 24
329  <211> LENGTH: 23
330  <212> TYPE: DNA
331  <213> ORGANISM: Artificial Sequence
333  <220> FEATURE:
334  <223> OTHER INFORMATION: Primer
336  <400> SEQUENCE: 24
337  gcagggatat cgcacgttcc tgg                                      23
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341  <211> LENGTH: 31
342  <212> TYPE: DNA
343  <213> ORGANISM: Artificial Sequence
345  <220> FEATURE:
346  <223> OTHER INFORMATION: Primer
348  <400> SEQUENCE: 25
349  cgccgagatc tgcgaaggcc tggtcggcgg g                             31
352  <210> SEQ ID NO: 26
353  <211> LENGTH: 23'
354  <212> TYPE: DNA
355  <213> ORGANISM: Artificial Sequence
357  <220> FEATURE:
358  <223> OTHER INFORMATION: Primer
360  <400> SEQUENCE: 26
361  atgaattccc tccgcccagc cag                                      23
364  <210> SEQ ID NO: 27
365  <211> LENGTH: 28
366  <212> TYPE: DNA
367  <213> ORGANISM: Artificial Sequence
369  <220> FEATURE:
370  <223> OTHER INFORMATION: Primer
372  <400> SEQUENCE: 27
373  acagatctcg gcttcgactc gctgaccg                                 28
379  <210> SEQ ID NO: 28
380  <211> LENGTH: 55
381  <212> TYPE: DNA
382  <213> ORGANISM: Artificial Sequence
384  <220> FEATURE:
385  <223> OTHER INFORMATION: Primer
387  <400> SEQUENCE: 28
388  acgcguacua gucagatctg ggcatcaatt cgctgaccgc ggtggaactg cgcaa    55
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/214,453A

DATE: 10/31/2000
TIME: 20:45:18

Input Set : **A:\Leadlay Sequence Listing ('453).txt**
Output Set: **N:\CRF3\10312000\I214453A.raw**

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

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